

Please amend Claim 12, at lines 6 and 7, by deleting "analog".

IN THE ABSTRACT:

Please cancel the Abstract and replace with the following new

Abstract: - A system is provided for recording, storing and re-producing sound for playing back in an environment requiring simulated sounds, voices, and/or sound effects. Sounds are recorded on a chip and played back in an asynchronous manner from the chip as a result of activation of a switch or inertial movement within the system. A Hall-effect sensor, reed switch or momentary switch or the like may be implemented for enabling activation of the recorded sound from the chip for broadcasting. A compander compresses the sound on the chip and expands the compressed sound for playback. Employing the above system for audio storage, a sound, motor and special effects controller may be created for model train applications as well. The different functions of the sound unit are controlled through a discrete bi-polar digital command control signal using a unique address for each unit. A synchronous means of play back may also be employed when the system is used with the bi-polar signal using a sensor. In addition to the analog sound storage, the same concepts and ideas may be applied to a digital sound recording and play back device as well.--

IN THE DRAWINGS:

Figures 8 and 9 have been corrected as shown in red on the attached sheets. Approval of the drawing corrections is requested.

REMARKS

This Amendment is submitted in response to the communication received from the Patent Office dated February 13, 1998. In the communication, the Patent Office objected to informal drawings which were acceptable for examination purposes, but indicated that formal

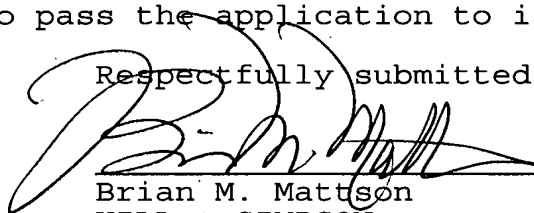
Further, the Abstract was objected to for failing to mention critical elements of the claimed invention. Finally, the disclosure was objected to for minor informalities.

Applicants note with appreciation that the Patent Office indicated that Claims 1-20 are allowable over the art of record.

By the present Amendment, Applicants corrected minor informalities throughout the specification and respectfully submit that no new matter is being entered thereby. In addition, Applicants corrected Figures 8 and 9 as shown in red on the attached sheets. Approval of the drawing corrections is also requested. Finally, Applicants amended the Title, corrected the related application data and re-wrote the Abstract as suggested by the Examiner. Applicants respectfully submit that each of the objections has been overcome. Notice to that effect is requested.

In view of the foregoing remarks and amendments, Applicants respectfully submit that all of the claims in the application are in allowable form and that the application is now in condition for allowance. If, however, any outstanding issues remain, Applicants urge the Patent Office to telephone Applicants's attorney so that the same may be resolved and the application expedited to issue. Applicants request the Patent Office to indicate all claims as allowable and to pass the application to issue.

Respectfully submitted,



(Reg. No. 35,018)

Brian M. Mattson
HILL & SIMPSON
A Professional Corporation
85th Floor Sears Tower
Chicago, Illinois 60606
Telephone: (312) 876-0200 - Ext. 3165
Attorneys for Applicants

A